

- [54] METHOD AND APPARATUS FOR
OPERATING AN ELECTROPHORETIC
DISPLAY BETWEEN A DISPLAY AND A
NON-DISPLAY MODE**

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[57] **ABSTRACT**

There is shown a method and apparatus for operating an electrophoretic display. The display is operated in a first mode where essentially it operates as a display having normal DC voltages applied to its electrodes. During a non-display mode, a suitable alternating voltage of a given frequency and magnitude is AC coupled to the anode electrode of the display for a predetermined time interval to cause pigment particles to settle between the anode and cathode whereby the effective life of said display is increased. The transfer of the display mode to the second mode is afforded by suitable switching circuitry.

15 Claims, 1 Drawing Sheet

